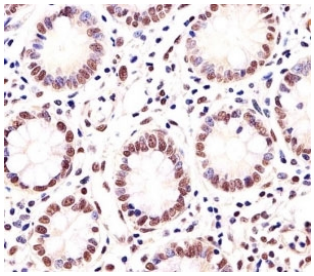
MGMT Antibody 888CT22.2.4 / MGMT Mouse Monoclonal Antibody [clone 888CT22.2.4] (F52339)

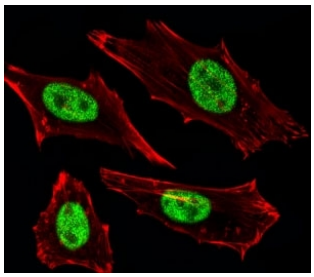
Catalog No.	Formulation	Size
F52339-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52339-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

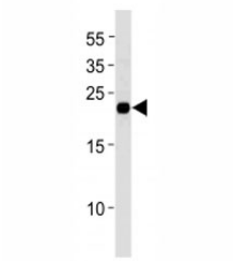
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	888CT22.2.4
Purity	Purified
UniProt	P16455
Applications	IHC (Paraffin): 1:25 Immunofluorescence: 1:25 Western blot: 1:1000
Limitations	This MGMT Antibody 888CT22.2.4 is available for research use only.



Immunohistochemical analysis of paraffin-embedded human small intestine using MGMT antibody at 1:25 dilution.



Fluorescent image of HeLa cells stained with MGMT antibody at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-mouse IgG was used as the secondary Ab (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).



MGMT Antibody 888CT22.2.4 western blot analysis in MCF-7 lysate

Description

Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.

For studies requiring a monoclonal reagent with knockout-validated western blot specificity, see our MGMT Antibody IDD-13.

Application Notes

Titration of the MGMT Antibody 888CT22.2.4 may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Purified His-tagged protein was used to produced this monoclonal MGMT antibody.

Storage

Aliquot the MGMT antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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